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## RADIO RECEIVER

### ABSTRACT OF THE DISCLOSURE

A radio receiver is provided that includes a front-end circuit operable to receive radio signals transmitted across a frequency band and generate an analog signal corresponding to a plurality of channels within the frequency band. Also included is an analog to digital converter operable to convert the analog signal to a digital signal, and a digital processing system operable to process the digital signal and simultaneously generate one or more output signals corresponding to at least one of the plurality of channels within the frequency band. Various exemplary embodiments of the radio receiver and associated method are provided.